

Spartan Engineering, Inc

EXHIBIT A

540 Parrott Street
 San Jose, Ca 95112
 800-464-0560 Ph
 408-292-8887 Fx
 www.spartaneng.com
 CSL# 383232
 ACO# 3704

Proposal 000800

Sales Rep: Daniel Veronda

BID DATE: 10/29/02

CLIENT: CS003
 Sunnyvale, City of
 PO Box 3707
 Sunnyvale, CA 94088-3707
 PHN (408) 730-7403

David Gakle

PROJECT: 23126
 Sunnyvale Water Pollution CP
 1444 Borregas Ave
 Sunnyvale, CA 94089

FAX

Contractor agrees to furnish all equipment, materials, supplies, services and labor, as indicated below, accordance with all applicable labor, building and Building Plans and Specifications and to complete the following work:
 Prices listed are valid for 30 days unless otherwise noted.

DESCRIPTION

AMOUNT

Per meeting with Dan Hammond and David Gakle reviese pricing reflects device choice and usage.

01/21/2003

SYSTEM DESCRIPTION

Paging system will provide the following:

- 1 - Provide all call paging for emergency paging
- 2 - Provide selected zone paging
- 3 - Provide individual paging to a specific intercom station
- 4 - Provide hands free communication at intercom station (when called from Master Station)
- 5 - Provide intercom handset for private conversations
- 6 - Provide Exterior stations to withstand the elements (Industrial rated intercom stations)
- 7 - Provide for Visual indication in specified area as to system page.
- 8 - Provide dialing capabilities between all intercom stations and Speakers
- 9 - System Tones (included, requies optional pushbutton for activations)

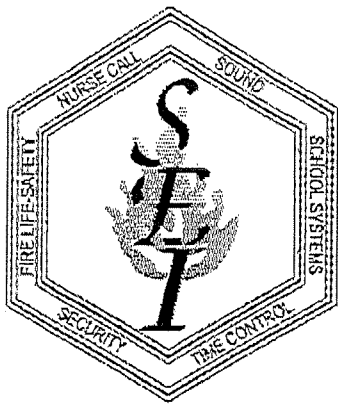
GENERAL CONDITIONS

Project Management

Section IV - 1

LOCATION:

RX TIME 01/21 '03 09:48



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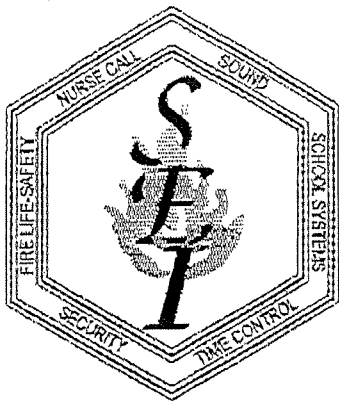
DESCRIPTION	AMOUNT
Other Work	6,339.20
PROJECT MANAGEMENT TOTALS:	6,339.20
Job Site Meetings	
Provide coordination and Project updates with owner	
Job Site Meeting	9,218.40
JOB SITE MEETINGS TOTALS:	9,218.40
Training	
Provide 4 hours of end user training for system operations	
Training-In-Service	460.92
TRAINING TOTALS:	460.92
Drafting and design	
Provide the following	
System Design	
Three (3) System As-Builts provide to Owner	
Three (3) Project Submittals	
Three (3) Operation and Maintenance Manuals	
Drafting & Eng	9,737.40
Submittals/O&M's	1,325.30
DRAFTING AND DESIGN TOTALS:	11,062.70

Equipment Headend

Supply and installation of equipment Head-end.

Equipment to be installed at existing Intercom Head end location

Pro LOCATION:) Master control station at he: RX TIME 01/21 '03 09:48 ng and



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DESCRIPTION	AMOUNT
paging functions Does not include termination of cable Devices	18,950.60
EQUIPMENT HEADEND TOTALS:	18,950.60
Cabling	
Site wide cable requirments. Replacement existing intercom cable at specified locations Installation of new cable to new locations Quantity shown is an estimated amount. Customer to pay for actual footage used.	
Cable	37,481.11
Devices	1,250.62
CABLING TOTALS:	38,731.73
Saftey section IV-H	
Devices	4,034.60
SAFTEY SECTION IV-H TOTALS:	4,034.60
GENERAL CONDITIONS TOTALS:	88,798.15

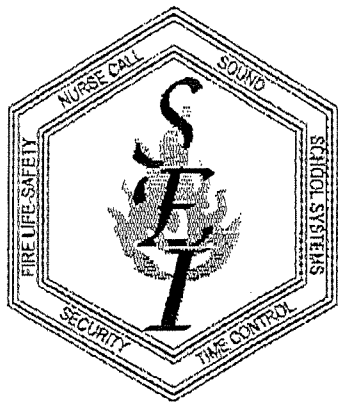
ADMIN BLDG

Front Office

Provide and install one (1) new intercom speaker handset station at the front lobby desk.

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DESCRIPTION	AMOUNT
Devices	257.08
Other Work	90.54
FRONT OFFICE TOTALS:	347.62
Lunch Room	
Replace existing intercom station with new wall mounted Interior intercom station	
Devices	372.29
LUNCH ROOM TOTALS:	372.29
Men's Restroom	
Provide and install new ceiling speaker for site wide paging	
Devices	142.82
Other Work	90.54
MEN'S RESTROOM TOTALS:	233.36
Support Services	
Provide and install new ceiling speaker for site wide paging in Hallway	
Devices	142.82
Other Work	90.54
SUPPORT SERVICES TOTALS:	233.36
Womens Restroom	
Provide and install new ceiling speaker for site wide paging	



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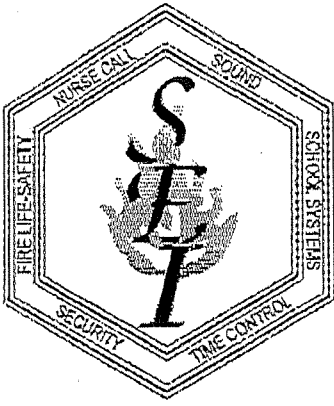
Proposal 000800

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DESCRIPTION	AMOUNT
Devices	142.82
Other Work	90.54
WOMENS RESTROOM TOTALS:	233.36
ADMIN BLDG TOTALS:	1,419.99
CHEMICAL BLDG	
Blower Room	
Install new area wide paging speaker	
Core wall and install conduit to new location	
Devices	143.25
Other Work	2,121.08
BLOWER ROOM TOTALS:	2,264.33
Chemical Feed	
Install new area wide paging speaker	
Core wall and install conduit to new location	
Devices	143.25
Other Work	2,121.08
CHEMICAL FEED TOTALS:	2,264.33
Environmental Storage	
Install new area wide paging speaker	
Core wall and install conduit to new location	



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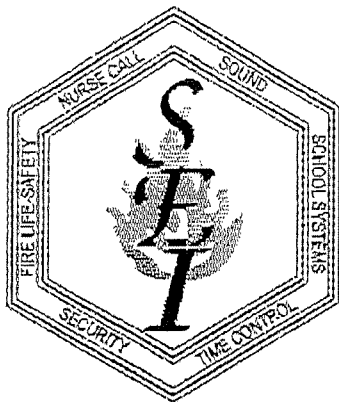
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DESCRIPTION	AMOUNT
Devices	143.25
Other Work	2,121.08
ENVIRONMENTAL STORAGE TOTALS:	2,264.33
Chemical Building structure	
Owner to provide access to existing conduit to building. Trenching and underground conduit to be excluded.	
Other Work	467.79
CHEMICAL BUILDING STRUCTURE	467.79
MCCB Area	
Install new area wide paging speaker Core wall and install conduit to new location	
Devices	143.25
Other Work	2,121.08
MCCB AREA TOTALS:	2,264.33
Storage Area	
Install new area wide paging speaker Core wall and install conduit to new location	
Devices	143.25
Other Work	392.34
STORAGE AREA TOTALS:	535.59
CHEMICAL BLDG TOTALS:	10,060.70

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DESCRIPTION		AMOUNT
CL2 AREA		
Feeder Room		
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.		
Install new paging speaker		
Devices		2,143.53
FEEDER ROOM TOTALS:		2,143.53
Storage Room		
Install new paging speaker		
Provide 3/4" ridged pipe from Feeder room		
Core Wall for pipe		
Devices		143.25
Other Work		2,121.08
STORAGE ROOM TOTALS:		2,264.33
CL2 AREA TOTALS:		4,407.86

MAIN BUILD

ACC-MCC Area

Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.

Install new conduit for paging Speaker

Install new paging speaker

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DESCRIPTION	AMOUNT
Devices	452.95
Other Work	338.02
ACC-MCC AREA TOTALS:	<u>790.97</u>
Channel Monster Room	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new paging speaker	
Devices	<u>2,143.53</u>
CHANNEL MONSTER ROOM TOTALS:	<u>2,143.53</u>
Main Deck Engine Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new paging speaker	
Devices	<u>2,143.53</u>
MAIN DECK ENGINE AREA TOTALS:	<u>2,143.53</u>
Operator's Office	
Replace Existing intercom station with new intercom telephone.	
Install new conduit for paging Speaker	
Install new paging speaker	
Devices	372.29



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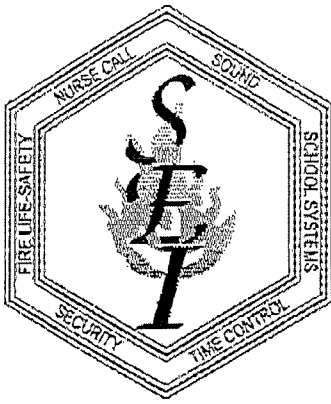
BID DATE: 10/29/02

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DESCRIPTION	AMOUNT
Other Work	573.42
OPERATOR'S OFFICE TOTALS:	945.71
Pump room	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new conduit for paging Speaker	
Install new paging speaker	
Devices	2,143.53
Other Work	247.48
PUMP ROOM TOTALS:	2,391.01
Roof area	
Replace existing paging speaker with new Bi-directional speaker	
Devices	514.92
ROOF AREA TOTALS:	514.92
Separator Deck	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new paging speaker	
Devices	2,402.01
Other Work	90.54
SEPARATOR DECK TOTALS:	2,492.55

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DESCRIPTION		AMOUNT
Senior Room		
Install new intercom station.		
Install new raceway for intercom station		
Install new conduit for paging Speaker		
Install new paging speaker		
Devices		257.06
Other Work		950.67
SENIOR ROOM TOTALS:		1,207.73
Training Room		
Provide and install new Speaker in corridor outside room. Provide coverage for training and exercise room		
Devices		258.48
Other Work		90.54
TRAINING ROOM TOTALS:		349.02
MAIN BUILD TOTALS:		12,978.97

PGF AREA

Blower Area

Install new Paging speaker for area.
Install new raceway for paging speaker



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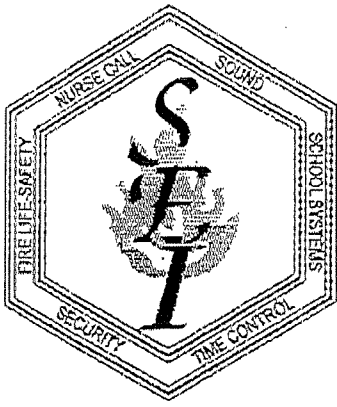
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DESCRIPTION	AMOUNT
Devices	143.25
Other Work	1,840.98
BLOWER AREA TOTALS:	1,984.23
PGF Building	
Install new raceway from Digester to PGF	
Other Work	2,233.32
PGF BUILDING TOTALS:	2,233.32
Generator Room	
Install new Highpower paging speaker for area	
Install new strobe to indicate audio page being made	
Install new conduit to accomodate strobe and Speaker	
Devices	736.23
Other Work	271.62
GENERATOR ROOM TOTALS:	1,007.85
MCC Area	
Install new interior Intercom Station	
Install new Paging Speaker	
Install new conduit to intercom station and speaker	
Devices	257.06
Other Work	2,233.32
MCC AREA TOTALS:	2,490.38
PGF AREA TOTALS:	7,715.78



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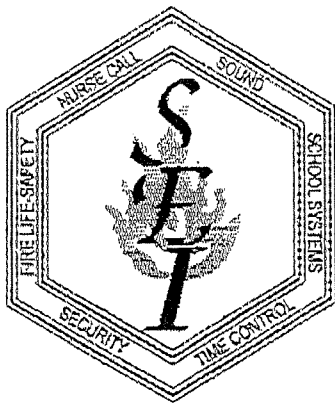
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DESCRIPTION	AMOUNT
PLANT AREA	
AFT Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Replace existing Paging speaker with new Bi-directional paging speaker	
Devices	2,543.22
AFT AREA TOTALS:	2,543.22
APS Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Replace existing Paging speaker with new paging speaker	
Devices	2,517.24
APS AREA TOTALS:	2,517.24
Bioassay Trailer	
Install new Intercom station with Speaekr	
Install new conduit to trailer	
Devices	257.06
Other Work	573.42
BIOASSAY TRAILER TOTALS:	830.48



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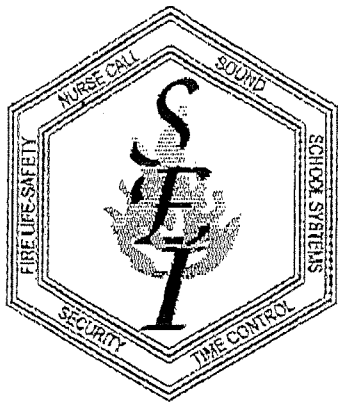
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DESCRIPTION	AMOUNT
CLCC ARea	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Replace 2 existing paging speakers with 2 new paging speakers	
Devices	2,660.49
CLCC AREA TOTALS:	2,660.49
Digester Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Replace existing bi-directional paging speaker with new bi-directional speaker. install new paging speaker at opposit side of building	
Install new conduit for paging Speaker	
Devices	2,658.45
Other Work	573.42
DIGESTER AREA TOTALS:	3,231.87
DMF Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new paging speaker	
Devices	2,286.78
DMF AREA TOTALS:	2,286.78



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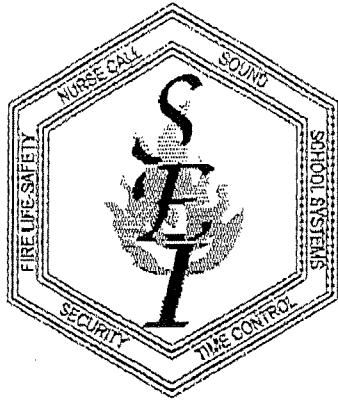
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DESCRIPTION	AMOUNT
DMF Gallery	
Replace existing paging speaker with new bi-directional paging speaker Devices	514.92
DMF GALLERY TOTALS:	514.92
Dewatering Area	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone. Replace existing paging speaker with new paging speaker Install new bi-directional speaker at 1/4 point for south end of dewatering area Install new conduit for paging Speaker Trench AC for new speaker	
Devices	2,801.70
Other Work	5,975.78
DEWATERING AREA TOTALS:	8,777.48
Final Analyzer	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone. Install new paging speaker	
Devices	2,402.01
FINAL ANALYZER TOTALS:	2,402.01

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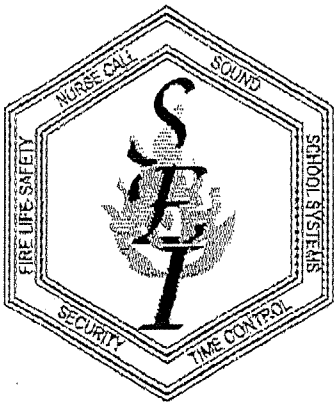
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DESCRIPTION	AMOUNT
FGR Dist Structure	
Install new paging speaker	
Install new Pole for paging speaker	
Install new conduit for paging speaker	
Trench to structure for paging speaker	
Devices	143.25
Other Work	2,806.88
FGR DIST STRUCTURE TOTALS:	2,950.13
Float Pit	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Install new paging speaker	
Devices	2,286.78
Other Work	588.51
FLOAT PIT TOTALS:	2,875.29

FGR

Install new paging speaker
 Install new Pole for paging speaker
 Install new conduit for paging speaker
 Use existing conduit as indicated by walk through.



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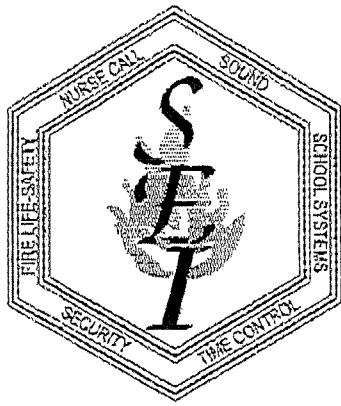
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DESCRIPTION	AMOUNT
Devices	143.25
Other Work	905.54
FGR TOTALS:	<u>1,048.79</u>
Maintenace Wing	
Replace Existing intercom station with new Intercom phone with Speaker	
Replace existing paging speaker with new paging speaker	
Install new speaker	
Install new Industrial IC telephone	
Install new conduit for paging Speaker	
Devices	1,644.92
Other Work	247.48
MAINTENACE WING TOTALS:	<u>1,892.40</u>
RW Pump Area	
This area removed from scope of work. No work to be performed in this area	
RW PUMP AREA TOTALS:	
Trailer	
Install new intercom station with speaker	
Devices	257.06
TRAILER TOTALS:	<u>257.06</u>
PLANT AREA TOTALS:	<u>34,788.16</u>



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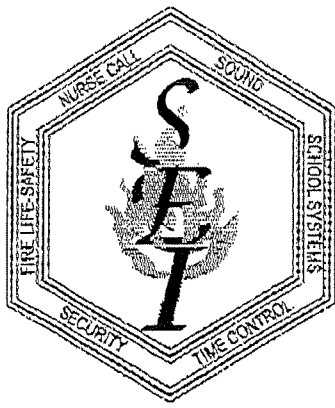
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DESCRIPTION	AMOUNT
SED BASIN AREA	
Digester Drain	
Install new paging speaker in lower level. Extend conduit from upper level to lower level.	
Devices	143.25
Other Work	875.22
DIGESTER DRAIN TOTALS:	1,018.47
SED Gallery 1-6	
Replace existing paging speaker with new paging speaker	
Devices	373.71
SED GALLERY 1-6 TOTALS:	373.71
SED Gallery 7-10	
Replace existing paging speaker with new paging speaker	
Devices	373.71
SED GALLERY 7-10 TOTALS:	373.71
SED BASins	
Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.	
Replace existing paging speaker with two new paging bi-directional speakers	
Install additional new bi-directional speaker	



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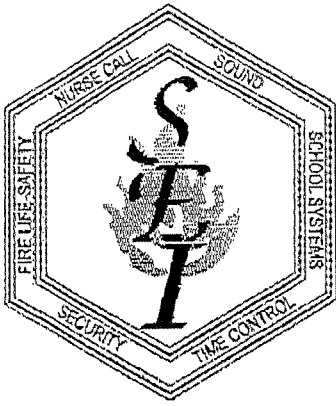
DESCRIPTION	AMOUNT
Devices	3,058.13
SED BASINS TOTALS:	3,058.13
SED Gallery MCC	
Replace Existing intercom station with new Intercom phone with Speaker.	
Install two new bi-directional speaker at junction of SED gallery	
Devices	1,286.89
Other Work	90.54
SED GALLERY MCC TOTALS:	1,377.43
SED Tunnel	
Replace Existing intercom station with new Intercom phone with Speaker.	
Replace existing paging speaker with new paging speaker	
Devices	630.77
SED TUNNEL TOTALS:	630.77
SED BASIN AREA TOTALS:	6,832.22

SO2 AREA

Feeder Room

Replace Existing intercom station with new Gai-Tronics 256-001 industrial telephone.

Replace existing paging speaker with new paging speaker



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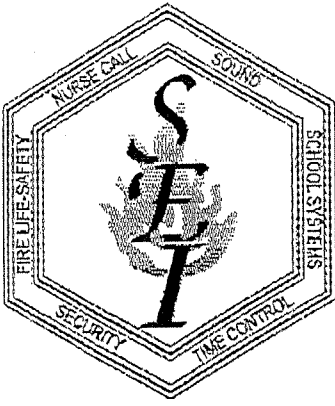
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DESCRIPTION		AMOUNT
Devices		2,143.53
FEEDER ROOM TOTALS:		2,143.53
Storage Room		
Install new Paging speaker for area.		
Install new conduit for paging speaker		
Core wall for conduit		
Devices		143.25
Other Work		392.34
STORAGE ROOM TOTALS:		535.59
SO2 AREA TOTALS:		2,679.12
TERTIARY BUILDING		
Tertiary Boiler room		
Install new paging speaker		
Install new conduit for paging Speaker		
Other Work		1,056.30
TERTIARY BOILER ROOM TOTALS:		1,056.30
Instrument Lab		
Install new paging speaker in lab		
Devices		142.82



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DESCRIPTION	AMOUNT
Other Work	90.54
INSTRUMENT LAB TOTALS:	233.36
LAB Area	
Replace Existing intercom station with new intercom Station	
Install new paging speaker	
Devices	515.11
LAB AREA TOTALS:	515.11
Tertiary Control Room	
Replace existing intercom station with new intercom station	
Install new paging speaker	
Devices	372.29
TERTIARY CONTROL ROOM TOTALS:	372.29
TERTIARY BUILDING TOTALS:	2,177.06
Subtotal Base Bid	\$166,216.47
Sales Tax	\$5,641.54
TOTAL BID	\$171,858.01

Changes in the above system(s) involving extra costs of material and or labor, will be executed only on written change orders. The change order must be countersigned by both parties and will become an extra charge over the sum mentioned above.

THIS PROPOSAL IS VOID IF NOT ACCEPTED WITH IN 30 DAYS

Submitted By: _____ Date: _____

Authorized By: _____ Date: _____

Print

 Title: _____

Signature

LOCATION:

RX TIME 01/21 '03 09:48